BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2014-15/OW/WORK_INDENT14505

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/07/2014-15, Date: 31.10.2014

Maintenance of Borewell and Emergency work in water supply in ward no. 07 Byatarayanapura Limit.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of PRATAP	
				In Figures	In Words
1	10	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.	892.0	Rupees Eight Hundred Ninety Two Only
2	10	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.	944.0	Rupees Nine Hundred Forty Four Only
3	10	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	577.0	Rupees Five Hundred Seventy Seven Only
4	10	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work 12 HP Motor	No.	4985.0	Rupees Four Thousand Nine Hundred Eighty Five Only
5	10	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	5300.0	Rupees Five Thousand Three Hundred Only
6	10	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4932.0	Rupees Four Thousand Nine Hundred Thirty Two Only
7	10	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.	367.0	Rupees Three Hundred Sixty Seven Only
8	10	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	682.0	Rupees Six Hundred Eighty Two Only
9	10	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	498.5	Rupees Four Hundred Ninety Eight and Fifty Paise Only
10	10	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1207.0	Rupees One Thousand Two Hundred Seven Only
11	10	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	No.	131.0	Rupees One Hundred Thirty One Only
12	10	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.0	Rupees One Hundred Fifty Seven Only
13	550	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.	183.5	Rupees One Hundred Eighty Three and Fifty Paise Only
14	530	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	446.0	Rupees Four Hundred Forty Six Only
15	10	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	467.0	Rupees Four Hundred Sixty Seven Only
16	10	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.0	Rupees One Hundred Fifty Seven Only
17	10	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	997.0	Rupees Nine Hundred Ninety Seven Only
18	10	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1417.0	Rupees One Thousand Four Hundred Seventeen Only

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19	10	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.5	Rupees One Hundred Fifty Seven and Fifty Paise Only
20	10	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.	262.5	Rupees Two Hundred Sixty Two and Fifty Paise Only
21	10	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each	997.0	Rupees Nine Hundred Ninety Seven Only
22	600	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS marketc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	392.0	Rupees Three Hundred Ninety Two Only
23	80	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	135.0	Rupees One Hundred Thirty Five Only
24	800	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	158.0	Rupees One Hundred Fifty Eight Only
25	100	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.P No. 68/ I No. 4(d) 4 core 16 Sqmm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	158.0	Rupees One Hundred Fifty Eight Only
26	100	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	8.5	Rupees Eight and Fifty Paise Only
27	100	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB 1-2 P-7) etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	63.0	Rupees Sixty Three Only
28	32	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	252.0	Rupees Two Hundred Fifty Two Only
29	8	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	272.0	Rupees Two Hundred Seventy Two Only

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30	3	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, etc., complete and as per the directions of the Engineer-in-charge of the work	No.	2046.0	Rupees Two Thousand Forty Six Only
31	20	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete and as per the directions of the Engineer-in-charge of the work	No.	105.0	Rupees One Hundred Five Only
32	3	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1170.0	Rupees One Thousand One Hundred Seventy Only
33	3	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	211.0	Rupees Two Hundred Eleven Only
34	12	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	84.0	Rupees Eighty Four Only
35	3	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	367.0	Rupees Three Hundred Sixty Seven Only
36	3	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	1050.0	Rupees One Thousand Fifty Only
37	41250	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	0.34	and Thirty Four Paise Only
38	303.75	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work Hard Soil	Cum	197.0	Rupees One Hundred Ninety Seven Only

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39	900	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	165.0	Rupees One Hundred Sixty Five Only
40	303.75	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	64.0	Rupees Sixty Four Only
41	20	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	1661.0	Rupees One Thousand Six Hundred Sixty One Only

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Signature of the Contractor

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